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## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **ALIGNED PARTICLE BASED SENSOR ELEMENTS** the specification of which \_\_\_\_ is attached hereto or X was filed on July 14, 2000 as Application No. 09/600,346 and was amended on \_\_\_\_\_ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

## Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
PCT	PCT/US99/28282	11/30/99	

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
09/201,999	12/01/98	


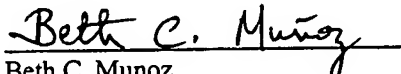
**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Joseph R. Snyder, Reg. No. 39,381  
William M. Smith, Reg. No. 30,223

Send Correspondence to: <b>Joseph R. Snyder</b> <b>TOWNSEND and TOWNSEND and CREW LLP</b> <b>Two Embarcadero Center, 8<sup>th</sup> Floor</b> <b>San Francisco, California 94111-3834</b>	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: <b>Joseph R. Snyder</b> Reg. No.: <b>39,381</b> Telephone: <b>415-576-0200</b>
---	---

Full Name of Inventor 1:	Last Name: <b>SUNSHINE</b>	First Name: <b>STEVEN</b>	Middle Name or Initial: <b>A.</b>	
Residence & Citizenship:	City: <b>Pasadena</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>985 S. Oakland Avenue</b>	City: <b>Pasadena</b>	State/Country: <b>California</b>	Postal Code: <b>91106</b>
Full Name of Inventor 2:	Last Name: <b>MUNOZ</b>	First Name: <b>BETH</b>	Middle Name or Initial: <b>C.</b>	
Residence & Citizenship:	City: <b>Pasadena</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>451 S. Oakland Avenue</b>	City: <b>Pasadena</b>	State/Country: <b>California</b>	Postal Code: <b>91107</b>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 	Signature of Inventor 2 
Steven A. Sunshine	Beth C. Munoz
Date <i>10-12-00</i>	Date <i>October 10, 2000</i>



018064-002410US  
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JSnyder



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FEBRUARY 21, 2001  
TOWNSEND AND TOWNSEND AND CREW LLP  
JOSEPH R. SNYDER  
TWO EMBARCADERO CENTER, 8TH FLOOR  
SAN FRANCISCO, CALIFORNIA 94111-3834

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/14/2000

REEL/FRAME: 011326/0280  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
SUNSHINE, STEVEN A.

DOC DATE: 10/18/2000

ASSIGNOR:  
MUNOZ, BETH C.

DOC DATE: 10/10/2000

ASSIGNEE:  
CYRANO SCIENCES, INC.  
73 N. VINEDO AVENUE  
PASADENA, CALIFORNIA 91107

SERIAL NUMBER: 09600346  
PATENT NUMBER:

FILING DATE: 11/09/2000  
ISSUE DATE:

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

APR 29 2002

-14-2000

Attorney Docket No. 018564-002410US

FORM PTO-1595

(Rev. 6-93)

101550376

r Sheet

U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Asst. Commissioner

ed original documents or copy thereof

1. Name of conveying party(ies):

Steven A. Sunshine and Beth C. Munoz

Additional name(s) of conveying parties attached? ☐ Yes☒ No.

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other:

Execution Date: 10/18/00 and 10/10/00

2. Name and address of receiving party(ies)

Name: Cyrano Sciences, Inc.

Internal Address:

11-14-00

Street Address: 73 N. Vinedo Avenue

City: Pasadena State: CA ZIP: 91107

Additional names and addresses attached? ☐ Yes ☒ No

4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): 09/600,346

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joseph R. Sndyer  
TOWNSEND AND TOWNSEND AND CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
(415) 576-0200

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): \$40.00

☐ Enclosed ☒ Charge Fees to Deposit Account☒ Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit account number: 20-1430

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.*Joseph R. Sndyer  
Name of Person Signing

Signature

Date

Nov. 9, 2000

Atty. Reg. No. 39,381

Total number of pages including cover sheet, attachments and document 4

10. Change Correspondence Address to that of Part 5? ☒ Yes ☐ No

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12/14/2000 MTHAI1 00000108 201430 09600346

01-FC-581 40.00 CH

SF 1158303 v1

NOT FOR RECORDATION

Attorney Docket No.: 18564-002410US

**ASSIGNMENT OF PATENT APPLICATION**

**JOINT**

WHEREAS, Steven A. Sunshine, of 985 S. Oakland Avenue, Pasadena, CA 91106, Beth C. Munoz, of 451 S. Oakland Avenue, Pasadena, CA 91107, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:           **ALIGNED PARTICLE BASED SENSOR ELEMENTS**

Date(s) of execution of Declaration:

Filing Date:                **July 14, 2000**

Application No.:           **09/600,346; and**

WHEREAS, Cyrano Sciences Inc., a corporation of US, located at 73 N. Vinedo Avenue, Pasadena, CA, 91107, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

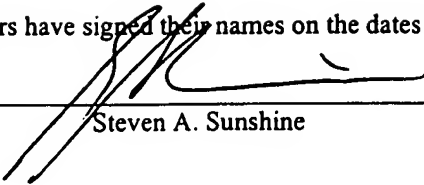
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

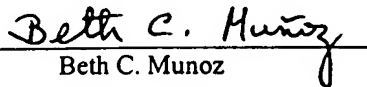
Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 10-18-00

  
\_\_\_\_\_  
Steven A. Sunshine

Dated: October 10, 2000

  
\_\_\_\_\_  
Beth C. Munoz